The Baruch STEP Academy **In-Person** Summer 2025 Programs | Monday through Thursday ONLY
July 7 - July 31 from 9:30am-2pm | Priority Deadline: **May 1 |** Regular Deadline: **May 15**

Students will participate in one STEM enrichment or research-based course for the duration of the program. The course descriptions are abbreviated, please review the application for more information. The program will conclude with the annual showcase to present posters and projects.

Middle School Program- *Rising 7th and 8th graders in Fall 2025*
Application link: https://tinyurl.com/Summer25App-MiddleSchool

Engineering Basics- This course will introduce fundamental engineering concepts through interactive lectures and dynamic projects.

Urban Ecology- Students will learn about the biodiversity within urban areas and the interaction and interdependence of organisms within an ecosystem.

High School Program- *Rising 9th, 10th, 11th, and 12th graders in Fall 2025*
Application link: https://tinyurl.com/Summer25App-HighSchool

Anatomy & Physiology- This course provides students with a foundational understanding of the relationships between the structures and functions of the human body, with a focus on the cardiovascular and respiratory systems.

Behavioral Neuroscience- This neuroscience seminar offers students a sampler of special topics related to the physiological basis of behavior. Special emphasis is placed on the underlying anatomy, physiology, and chemistry of the central nervous system.

Biomedical Research & Disease Mechanisms- This course provides students with a foundational understanding of biomedical research methodologies, disease mechanisms, and translational medicine. Students will explore core topics in molecular and cellular biology.

Coding in Snap *(Block-based programming)*- This introductory coding course is about understanding the programming language AND developing important computational thinking skills, which are useful for problem solving across many disciplinary areas.

Environmental Sustainability- This course provides an overview of the complex relationships between the environment and humans by looking for physiological explanations for ecological changes. Basic physiological processes will be explored: photosynthesis, respiration, and the Earth's energy budget.

Social Psychology- This course will introduce students to the scientific study of how we feel about, think about, and behave toward the people around us and how we are also influenced by those people.

Baruch STEP Academy Program Eligibility

• New York State resident that will be in grades 7-12 in the fall
• 80 average in Math, Science, English, and cumulative
• Identify as African American, Latino, Native American, or Alaskan Native OR meet the requirements for economic disadvantage status

A student is considered economically disadvantaged if a student's household income is less than or equal to the income levels indicated below:

New York State Opportunity Programs Income Eligibility Criteria 2025-2026

Members in household (including head of household)	Total Annual Income (2024)
1	$27,861
2	$37,814
3	$47,767
4	$57,720
5	$67,673
6	$77,626
7	$87,579
8	$97,532

Application Materials

*All uploaded/submitted documentation must have the applicant's full name.

Part 1:

- February/March 2025 progress report or report card
- School transcript
- Essay
- Email for STEM teacher(s) to send recommendation link
- Income verification IRS Form 1040 for 2024 *(for income eligibility-based applicants ONLY)*

Part 2: Once an application has been reviewed for eligibility and completeness, the STEM teachers listed will be sent the recommendation link.

Part 3: Participation Agreement form and RSVP for orientation (sent with acceptance email)

Please visit:

https://step.baruch.cuny.edu for information on eligibility and application materials
baruchstep.wordpress.com to see recent events and previous semester programming

The **Fall 2025 Program** will *tentatively* operate for **10 Saturdays 9am-2pm** from September 27th through December 6th. Over three periods, students will participate in test prep, STEM enrichment courses, and college readiness workshops. For notification of the Fall 2025 application: https://tinyurl.com/STEPInterest-Su25toSp26